RANGGA PUTRA

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Komplek Nusa Hijau Blok GV.28 Cimahi, Jawa Barat

Rangga Putra is an undergraduate student in Computer Science from Padjadjaran University. He is interested in web developer and database engineer. Through his studies, he has gain knowledge of web programming, data science, data structure, and many other components of Informatics Engineering. He is easy to adapt to in a new environment and able to work under pressure.

Education Level

Padjadjaran University - Jatinangor, Indonesia   Aug 2020 - Aug 2024 (Expected)
Bachelor Degree in Computer Science, 3.88/4.00

Works Experiences

PT Astra International Tbk – TSO Auto200 | North Jakarta, Indonesia   Feb 2023 – Present
IT Product Developer - Intern

- Developed and implemented comprehensive automation testing frameworks for the Digiroom Auto2000 website and mobile application.
- Upgraded styling of the promotion page on the Digiroom Auto2000 website application.
- Created Test Case for 16 Features in application with different scenarios.
- Created Automation Testing Script for application based on the Test Case that have been made.
- Generated Automation Testing Result Report on the Digiroom Auto2000 website & mobile application.

Switch Box | Bandung, Indonesia   Oct 2022 – Feb 2023
Full Stack Developer – Part Time

- Developed Zada Platform as a travel rental website.
- Designed user interface & user experience in this project.
- Developed this project using the PHP Programming Language with the Laravel Framework.
- Implemented design with HTML, CSS, & Javascript in this project.
- Performed integration between front-end, back-end, and database in this project.

Projects and Papers

Website Informatics Festival 2022 | Full Stack Developer   Jun 2022 – Jul 2022
Project

- Developed an external event website for Informatics Engineering at Padjadjaran University using the Laravel framework.
- Developed an event management system that allows users to register, manage, and follow existing events and competitions.
- Developed responsive and attractive user interfaces using HTML, CSS, and Javascript.
- Designed and implement database using ORM (Object Relational Mapping) like Eloquent ORM in Laravel.
- Implemented permission-based user and role authentication using built-in Laravel features such as Laravel Passport.

Sentiment Analysis of the Lembang Fault Phenomenon City of Bandung on the Twitter Platform   Jun 2022 – Jul 2022
Paper

- Conducted sentiment analysis on public opinion regarding the Lembang Fault phenomenon by utilizing data extracted from Twitter.
- Conducted data scraping of 2000 tweet data from Twitter using SNSCrape tool.
- Conducted data preprocessing on a pre-existing dataset, applying techniques such as case folding, tokenizing, stop word removal, and punctuation elimination.
- Implemented Naïve Bayes and Random Forest methods on preprocessed data to predict categories and classify data with high accuracy.
- Generated output showcasing a slight superiority of the Random Forest method, with an accuracy of 80.72%, compared to the Naïve Bayes method, which achieved an accuracy of 73.52%.

Website Basemipa | Front End Developer   Jan 2022 – Mar 2022
Project

- Developed a database website for the Faculty of Mathematics & Natural Sciences, Universitas Padjadjaran using the Laravel framework.
- Designed an attractive and structured user interface to display student data (active students & alumni) from each department such as achevements, organization data, and committee data.
- Implemented a user interface using a design that has been created using a CSS framework, namely Bootstrap.
- Integrated with backend systems or API that provide student, committee, organization data.

Organization Experience

Informatics Festival 2022   Apr 2022 – Nov 2022
Head of Operations
- Managed three divisions, fundraising division, creative division, and logistics division.

BEM Kema FMIPA Unpad   Mar 2022 – Dec 2022
Research & Data Bureau Staff
- Collected, process, and integrate data Kema FMIPA Unpad.
- Provided facilities for the residents of Kema FMIPA Unpad to access Kema FMIPA Unpad data.
- Developed a web to provide facilities for the resident of Kema FMIPA Unpad to access Kema FMIPA Unpad data.

Young Investor Unpad   Feb 2022 – Dec 2022
Branding Division Staff
- Designed and report all Young Investor Unpad social media activities.
- Managed the organization's social media accounts on Twitter and YouTube.

Informatics Fun Day 2021   Oct 2021 - Nov 2021
Head of Logistics Division
- Managed the staff of logistics division.
- Provided equipment needed during the event.
- Recorded participants who come to the Informatics Fun Day 2021.

Big! Force Festival 2021   Jul 2021 - Nov 2021
Technology Division Staff
- Created a user flow for the Big! Force Festival web.
- Created a design for the Big! Force Festival web.
- Managed the information contained in the Big! Force Festival web.

Himatif FMIPA Unpad   Feb 2021 – Dec 2022
Interest & Talent Department Staff
- Provided supporting facilities for Student Activity Groups consisting of futsal, basketball, and badminton.
- Looked for delegates in the department of Computer Science to participate in competitions at the faculty level.
- Responsibled for IFC (Informatics Futsal Club).

Himatif Association 2020   Nov 2020 - Dec 2020
Head of Logistics Division
- Provided equipment needed during the event.
- Recorded participants who come to the Himatif Association 2020.
- Recorded event on the zoom platform.

Technical Skills

- **Programing Language:** SQL, C++, Java, PHP, HTML, CSS, Javascript, MySQL
- **Frameworks:** Laravel, CodeIgniter, Cypress
- **Tools:** Ms. Word, Ms. Excel, VS Code, Android Studio

Licences and Certifications

- **Web Development Beginner** | Skilvul

- **Learn to Create Front-End Web for Beginners** | Dicoding

- **Getting Started Programming with Kotlin** | Dicoding

- **Basic Android from Zero to Expert** | Udemy

- **QA Engineer: API Testing with Cypress |** BuildWith Angga